

# Columbia Analytical Services, Inc.

1152 3rd Avenue • Longview, WA 98632 • (206) 577-7222

Wa 6906

3-9-88

leb

March 9, 1988

Bryant Adams  
Pacific Wood Treating  
111 West Division St.  
Ridgefield, WA 98642

RE: Samples Submitted January 29, 1988

Dear Bryant:

Enclosed are the results of samples submitted to our lab on January 29, 1988. For your reference, our service request number for this work is 88075.

Please note that for both samples silver was measured just above the instrument detection limit. If the values reported are at a level of concern, we will re-analyze by a more sensitive method. An elevated detection limit was reported for sulfate due to a high color background.

Please call if you have any questions.

Respectfully submitted:  
COLUMBIA ANALYTICAL SERVICES, INC.

*Mike Shelton*  
Mike Shelton



3058188

## CHAIN OF CUSTODY RECORD

## 6 / SAMPLING - Chain of Custody

**Distribution:** Original Accompanies Shipment; Copy to Coordinator Field Files

COLUMBIA ANALYTICAL SERVICES, INC.  
1152 3RD AVE. LONGVIEW, WA 98632  
(206) 577-7222

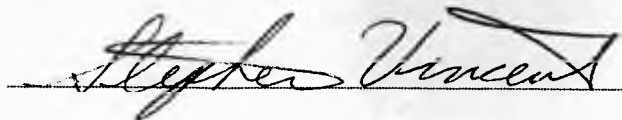
CLIENT: Pacific Wood Treating  
--Bryant Adams  
PROJECT: Ridgefield RBT Site

March 9, 1988  
WORK ORDER #: 88075

Analytical Report  
mg/L

Sample Name:	B-5	T-8
Lab Code:	075-1	075-2
pH	6.9	6.2
Conductivity (umhos/cm)	267	432
Chloride	8	14
Fluoride	0.18	0.10
Nitrate-N	4.2	0.08
Sulfate	<20	7
Total Phenols	<0.02	<0.02
TOC	<5	<5
TOX	0.046	0.066
Turbidity (NTU)	1670	159
✓ Arsenic	<0.005	<0.005
✓ Barium	1.5	0.10
✓ Cadmium	0.014	0.006
✓ Chromium	0.16	<0.01
Iron	168	13
Manganese	2.4	5.1
Mercury	0.0006	<0.0002
✓ Lead	0.19	0.006
Selenium	<0.005	<0.005
Silver	0.014	0.013
Sodium	36	22
Total Coliforms org/100ml	>2400	4

Approved by:



Date:

3/9/88

# *Columbia Analytical Services, Inc.*

1152 3rd Avenue • Longview, WA 98632 • (206) 577-7222

RECEIVED

MAR 14 1988

P.WT.

March 11, 1988

Bryant Adams  
Pacific Wood Treating  
111 West Division St.  
Ridgefield, WA 98642

Dear Bryant:

Enclosed please find a revised report for our work order # 88075.  
We re-analyzed silver using graphite furnace and found no  
detectable silver.

Please call if you have any questions.

Respectfully submitted:  
COLUMBIA ANALYTICAL SERVICES, INC.

*Mike Shelton*

Mike Shelton

COLUMBIA ANALYTICAL SERVICES, INC.  
1152 3RD AVE. LONGVIEW, WA 98632  
(206) 577-7222

CLIENT: Pacific Wood Treating  
--Bryant Adams  
PROJECT: Ridgefield RBT Site

March 11, 1988  
WORK ORDER #: 88075

Analytical Report  
mg/L

Sample Name:	B-5	T-8
Lab Code:	075-1	075-2
pH	6.9	6.2
Conductivity (umhos/cm)	267	432
Chloride	8	14
Fluoride	0.18	0.10
Nitrate-N	4.2	0.08
Sulfate	<20	7
Total Phenols	<0.02	<0.02
TOC	<5	<5
TOX	0.046	0.066
Turbidity (NTU)	1670	159
Arsenic	<0.005	<0.005
Barium	1.5	0.10
Cadmium	0.014	0.006
Chromium	0.16	<0.01
Iron	168	13
Manganese	2.4	5.1
Mercury	0.0006	<0.0002
Lead	0.19	0.006
Selenium	<0.005	<0.005
Silver	<0.01	<0.01
Sodium	36	22
Total Coliforms org/100ml	>2400	4

Approved by:

Mike Shelton

Date:

3/11/88

COLUMBIA ANALYTICAL SERVICES, INC.  
1152 3RD AVE. LONGVIEW, WA 98632  
(206) 577-7222

CLIENT: Pacific Wood Treating  
--Bryant Adams  
PROJECT: Ridgefield RBT Site

March 9, 1988

WORK ORDER #: 88075

Analytical Report  
ug/L

Sample Name	Lab Code	Total Tetrachlorophenol	Pentachlorophenol	Naphthalene
B-5	075-1	<2	<1	<10
T-8	075-2	<2	<1	<10

Approved by: Mike Shelton Date: 3/9/88

COLUMBIA ANALYTICAL SERVICES, INC.  
1152 3RD AVE. LONGVIEW, WA 98632  
(206) 577-7222

CLIENT: Pacific Wood Treating  
--Bryant Adams  
PROJECT: Ridgefield RBT Site

March 9, 1988  
WORK ORDER #: 88075

Analytical Results  
ug/L  
Pesticides/Herbicides

Sample Name:	B-5	T-8
Lab Code:	075-1	075-2
Gamma-BHC (Lindane)	<0.2	<0.2
Endrin	<0.8	<0.8
Methoxychlor	<1	<1
Toxaphene	<2	<2
2,4-D	<10	<10
Silvex	<2	<2

Approved by: Mike Shelton Date: 3/9/88



**United States Testing Company, Inc.**  
**Richland Division**

2800 GEORGE WASHINGTON WAY  
RICHLAND, WASHINGTON 99352 (509) 375-3131



LABORATORY SERVICES  
RADIOCHEMISTRY  
EXTERNAL DOSIMETRY  
NUCLEAR SERVICES  
RADIOBIOASSAY  
AGRICULTURAL SERVICES  
ANALYTICAL CHEMISTRY  
POLLUTION CONTROL  
HAZARDOUS SUBSTANCE  
ANALYSIS

February 16, 1988

Pacific Wood Treating Corp.  
Attention: Bryant Adams  
111 West Division St.  
Ridgefield, WA 98642

Dear Mr. Adams:

Enclosed are the gross alpha and gross beta results on the water sample which was submitted to our laboratory for analysis.

If you have any questions or comments, please call me at (509) 375-3131/

Sincerely,

UNITED STATES TESTING COMPANY, INC.

Robert G. Swoboda  
Manager  
Environmental Radiochemistry

RGS:dal

Enclosure

xc: File



UNITED STATES TESTING COMPANY INC.  
2800 GEORGE WASHINGTON WAY, RICHLAND, WA  
RADIOCHEMICAL ANALYSIS REPORT  
Results reported on 880216

SAMPLE TYPE	CUST#	ISOTOPE	RESULT	COUNTING ERROR	OVERALL ERROR	ANALYSIS SIZE	PERCENT MOIST	SAMPLE DATE TIME	ON DATE TIME	U C	GROUP	UST#
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\*\* Reported =&gt; 880216

WATER	B-5	BETA	111	1.91E+00	PCI/L	1.63E+00	1.64E+00(2S)	2.00E-01 L	880129	1200	880129	1200	I 103 048510
WATER	B-5	LO-ALPHA	212 *	5.5E-01	PCI/L	5.44E-01	5.45E-01(2S)	2.00E-01 L	880129	1200	880129	1200	I 103 048510

2 Records listed

\* Denotes a result less than the overall error(nS) specifies the level of error, 1 sigma or 2 sigma